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1927

MONTHLY BULLETIN

OF

THE OBSERVATORY

AMERICAN UNIVERSITY OF BEIRUT

FORMERLY

SYRIAN PROTESTANT COLLEGE

BEIRUT, SYRIA

LAT. 33° 54′ 22″ N.

LONG. E. FROM GREENWICH 35° 28′ 10″

JANUARY, 1927

J. A. BROWN, DIRECTOR

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WEATHER BUREAU

Printed at the American Press
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JANUARY 1927

METEOROLOGICAL REGISTER

Date	Barometer reduced to O°C Sea level and 45° Latitude				Thermometer Cent.			Bright Sunshine	Rain
	8:30	2:30	8:30	Mean	Max.	Min.	Min on grass	hrs.	m.m.
1	765.2	763.4	762.7	763.8	18.8	13.9		6.3	
2	3.8	4.6	6.5	5.0	18.4	14.6		5.4	0.94
3	7.4	7.1	8.3	7.6	18.5	13.9		6.3	3.86
4	70.3	9.9	70.1	70.1	17.2	12.3		9.0	
5	68.3	4.5	63.8	65.5	16.9	11.4		9.2	
6	2.6	1.6	2.1	2.1	17.9	12.2		7.5	
7	1.1	59.3	59.6	0.0	18.3	12.3		8.0	2.72
8	0.2	9.6	61.1	0.3	14.2	11.4		0.1	8.21
9	4.4	64.4	5.4	4.7	16.7	11.3		2.2	16.76
10	4.4	1.1	1.6	2.4	17.8	12.7		9.5	
11	0.0	57.4	57.2	58.2	17.8	13.0		8.4	
12	56.8	6.5	7.9	7.1	16.5	11.4		4.5	21.48
13	61.0	62.5	64.6	62.7	14.9	11.3		7.5	1.37
14	6.3	6.2	7.9	6.8	15.4	9.1		2.5	0.25
15	8.5	5.4	5.5	6.5	17.2	12.6		8.5	
16	2.9	0.9	1.6	1.8	19.0	12.7		8 9	
17	3.3	3.0	3.2	3.2	17.2	11.1		2.5	1.78
18	5.8	5.4	6.2	5.8	18.2	12.3		5.8	4.57
19	5.8	4.8	4.8	5.1	17.4	12.3		3.5	
20	5.0	4.1	4.0	4.4	17.4	11.9		9.7	
21	2.4	0.2	59.0	0.5	19.6	13.4		5.0	
22	6.0	58.6	60.6	58.4	19.9	14.4		4.8	1.24
23	2.0	61.2	3.2	62.1	15.1	12.0		0.1	32.50
24	4.2	2.8	3.0	3.3	17.3	11.7		5.7	1.52
25	3.5	3.8	5.2	4.2	16.3	10.6		2.3	14.44
26	7.3	6.5	7.8	7.2	16.4	11.1		4.4	0.69
27	6.2	3.3	3.2	4.2	17.0	11.7		4.0	
28	1.9	59.7	1.0	0.9	16.8	11.7		0.0	0.89
29	1.0	60.8	1.8	1.2	13.9	11.1		0.0	10.92
30	4.4	4.4	5.1	4.6	15.1	11.4		3.7	5.41
31	5.4	4.4	5.2	5.0	15.9	11.6		9.2	
	763.79	762.82	763.52	763.38	17.06	12.08		5.31	129.55

BAROMETER

Maximum 770.3 on 4th.

Minimum 756.0 on 22d

THERMOMETER

Maximum 19 9 on 22d

Minimum 9.1 on 14th

RAINFALL

Maximum 32.50 on 23d

Number of days with rain 18, thunderstorms 1, gales 1

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METEOROLOGICAL REGISTER

Date	Dry Bulb Cent. (Corrected)				Wet Bulb Cent. (Corrected)			Elasticity of Vapor m.m.				Relative Moisture per cent.			
	8.30	2.30	8:30	Mean	8:30	2:30	8:30	8:30	2:30	8:30	Mean	8:30	2:30	8:30	Mean
1	15.6	18.3	17.1	17.0	12.1	14.5	12.8	8.6	10.0	8.7	9.1	65	64	61	64
2	15.9	17.8	14.9	16.2	14.1	14.1	12.9	10.8	9.9	9.8	10.2	81	65	77	74
3	17.1	17.3	14.9	16.4	12.9	13.4	11.8	8.8	9.3	8.5	8.9	62	64	67	64
4	15.8	16.6	13.5	15.3	11.0	11.6	11.0	7.4	7.7	8.4	7.8	55	54	72	60
5	15.4	16.0	13.6	15.0	11.1	12.3	11.1	7.7	8.6	8.4	8.2	59	63	72	65
6	16.3	17.4	14.6	16.1	12.6	12.3	10.8	8.8	10.8	7.7	8.2	65	53	63	60
7	15.6	17.9	12.9	15.5	11.1	15.0	11.0	7.6	10.8	8.7	9.0	58	71	78	69
8	13.9	12.9	13.3	13.4	11.5	11.1	12.4	8.7	8.8	10.2	9.2	74	80	89	81
9	15.1	16.3	13.8	15.1	13.5	14.2	12.4	10.5	10.7	9.8	10.3	83	78	84	82
10	16.1	17.2	15.2	16.2	13.8	15.6	13.6	10.3	12.1	10.6	11.0	77	83	83	81
11	16.0	17.0	15.6	16.2	14.5	16.1	14.8	11.3	13.0	12.0	12.1	84	90	92	89
12	15.2	15.7	12.2	14.4	14.4	14.8	12.2	11.7	12.0	10.5	11.4	92	90	99	94
13	13.4	12.8	10.0	12.1	12.8	11.9	7.1	10.6	9.5	6.1	8.7	92	86	67	82
14	13.2	14.4	14.2	13.9	9.8	11.6	12.3	7.3	8.7	9.6	8.5	64	71	79	71
15	15.4	16.6	14.8	15.6	12.5	14.9	12.9	9.1	11.6	10.0	10.2	70	82	79	77
16	16.3	17.7	15.2	16.4	13.1	14.3	12.8	9.3	10.1	9.6	9.7	68	67	74	70
17	14.4	15.9	15.1	15.1	12.2	14.3	13.4	9.3	11.0	10.4	10.2	76	82	82	80
18	15.6	17.4	14.0	15.7	13.8	15.0	12.3	10.6	11.1	9.7	10.5	81	75	81	79
19	14.3	16.8	14.4	15.2	12.2	15.0	12.3	9.3	11.9	9.4	10.2	77	81	77	78
20	16.2	17.1	14.7	16.0	14.1	15.3	12.8	10.7	11.8	9.9	10.8	78	82	79	80
21	15.6	18.2	15.0	16.3	13.9	16.9	13.7	10.7	13.5	10.8	11.7	82	86	86	85
22	18.9	17.2	15.0	17.0	17.5	16.6	13.6	13.9	13.6	10.6	12.7	85	92	84	87
23	12.3	13.3	12.7	12.8	12.0	13.2	12.3	10.2	11.3	10.3	10.6	96	99	94	96
24	15.7	16.7	13.9	15.4	14.4	15.8	13.1	11.4	12.7	10.7	11.6	86	89	91	89
25	12.4	14.4	12.5	13.1	11.6	14.0	12.1	9.7	11.6	10.3	10.5	90	94	96	93
26	12.9	15.9	13.3	14.0	12.3	14.9	12.8	10.3	12.0	10.6	11.0	92	89	93	91
27	14.6	15.9	16.7	15.7	13.6	14.6	15.4	10.9	11.4	12.1	11.5	88	85	85	86
28	12.9	14.5	13.6	13.7	12.2	14.1	13.1	10.1	11.6	10.9	10.9	91	94	95	93
29	12.7	12.7	13.3	12.9	12.3	12.3	12.8	10.4	10.4	10.6	10.5	94	94	93	94
30	13.2	14.6	11.9	13.2	12.7	14.0	11.6	10.4	11.5	10.0	10.7	95	92	96	94
31	15.0	15.8	12.7	14.5	14.1	15.1	12.2	11.0	12.3	10.3	11.2	84	93	94	90
	14.94	16.07	14.02	15.01	12.89	14.15	12.43	9.92	10.92	9.85	10.23	78.8	80.3	82.7	80.6

Height of Barometer above sea level: 33.7 meters.

„ „ Thermometers above ground:

Dry and wet 1.55 m.; Max 1.75 m.; Min. 1·70 m

Height of Rain Gauge: above ground 0.56 m.; above sea level 30 31 m

Gravity Correction — 0.79mm.

Time of readings according to Standard Time of 30th E. Meridian.

N.B. The Wet and Dry Bulbs were out of order on the 30th. and 31st.

JANUARY 1927
METEOROLOGICAL REGISTER

Date	Clouds. Clear—0 Overcast—10				Direction and force of Wind 0—10			Wind per day	Sea	Notes
	8:30	2:30	8:30	Mean	8:30	2:30	8:30	Km.		
1	7 ci	6 ci	3ci	5.3	0	0	1	54.7	calm	dew
2	9 cu n	5	7cun	7.0	4	4w	2e	253.3	v. slight	thunder
3	6	2	1	3.0	2w	2n	2e	272.0	,,	
4	1	1	1	1.0	1e	1w	0	78.4	calm	
5	1	0	0	0.7	1	1e	1	57.8	,,	dew
6	1	6 ci	1ci	2.7	0	0	1e	16.7	,,	
7	3	6cu n	8cu n	5.7	1e	5	2e	289.2	slight	dew li., n.
8	9cu n	10cu n	10cu n	9.7	4ne	5s	3	572.9	v. slight	th. li., hail
9	7cu n	7cu n	7cu n	7.0	0	1w	1	260.7	calm	
10	1	1	1	1.0	2e	1n	1e	44.2	,,	
11	1	2cu ci	6cu n	3.0	1	3	4	158.5	,,	th. l., h., g.
12	3 cu n	4	10cu n	6.7	6	6	6	516.6	rough	th. storm
13	3	10cu n	1	2.7	5nw	2e	1e	469.1	slight	
14	3 cu ci	2	5cu ci	6.0	0	2e	1se	284.6	calm	
15	5	2	0	2.3	1e	1	0	66.5	,,	
16	5	1	2	2.7	0	1nw	3	182.4	,,	th. li.
17	4	8	8	3.7	0	4	4	321.4	,,	
18	6 cu n	7cu ci	5cu ci	6.0	1e	2	1e	179.2	,,	
19	10 cu n	0	0	3.3	1e	2e	2e	86.8	,,	
20	0	0	4 ci	1.3	1e	1e	0	90.1	,,	
21	10 ci	9cu ci	4cu n	7.7	0	0	0	46.7	,,	
22	3	5	4cu n	4.0	5	6	3	358.8	slight	lightning n.
23	6cu n	10cu n	10cu n	8.7	1e	0	0	399.4	v. slight	heavyshower
24	4	9	5	6.0	1	1	1e	272.0	calm	
25	6cu n	6cu n	10cu n	7.3	1e	3ne	3ne	178.6	,,	
26	5cu n	6cu ci	3cu ci	4.7	2e	1w	0	165.7	,,	
27	4cu ci	6cu ci	9cu ci	6.3	1e	1w	3e	199.5	v. slight	
28	10cu n	9cu n	10cu n	9.7	1e	4	1e	156.1	,,	
29	10cu n	10cu n	8cu n	9.3	2nw	1e	2n	267.2	calm	
30	5cu n	6cu ci	3cu ci	4.7	1	2w	1e	183.4	v. slight	
31	4cu ci	4cu ci	1	3.0	0	2w	0	75.6	calm	
				4.91				208.33		

Number of Daily Wind Observations

Time	N	NE	E	SE	S	SW	W	NW	Calm
8:30	0	1	12	0	0	7	1	2	8
2:30	2	1	6	0	1	9	7	1	4
8.30	1	1	12	1	0	9	0	0	7
Totals	3	3	30	1	1	25	8	3	19

N. B. — Cloud numbers without letters are all cu
Wind ,, ,, ,, ,, sw